

Form PTO-1449

Docket Number 342312004920

Application Number 10/777,455

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Applicant

Jason G. LEWIS et al.

Filing Date February 11, 2004

Group Art Unit 1623

Mailing Date July 7, 2004

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
	1.	11/07/1972	3,702,322	Bannister			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
GP	2.	Anonymous (2001). "The Merck Index: Clindamycin," Merck & Co. Monograph Number 2377, XP-002271008, one page.
GP	3.	Anonymous (2001). "The Merck Index: Lincomycin," Merck & Co. Monograph Number 5522, XP-002271009, one page.
GP	4.	International Search Report mailed on May 18, 2004, for PCT Patent Application PCT/US03/25820 filed on August 15, 2003, six pages.

EXAMINER:

G. Pelle

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8/26/04

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.



PTO/SB/08 (2-92)

Sheet 1 of 3

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Jason G. LEWIS et al.

Filing Date February 11, 2004

Group Art Unit Not Yet Assigned

Mailing Date April 5, 2004

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
ly	1.	04/23/1963	3,086,912	Bergy et al.			
ly	2.	10/28/1969	3,475,407	Birkenmeyer			
ly	3.	02/17/1970	3,496,163	Birkenmeyer et al.			
ly	4.	03/24/1970	3,502,648	Birkenmeyer et al.			
ly	5.	04/28/1970	3,509,127	Kagan et al.			
ly	6.	12/01/1970	3,544,551	Kagan et al.			
ly	7.	06/20/1972	3,671,647	Argoudelis et al.			
ly	8.	07/04/1972	3,674,647	Visser			
ly	9.	09/19/1972	3,692,767	Magerlein			
ly	10.	01/30/1973	3,714,141	Shephard			
ly	11.	02/06/1973	3,715,346	Magerlein			
ly	12.	10/09/1973	3,764,672	Argoudelis et al.			
ly	13.	01/22/1974	3,787,390	Birkenmeyer			
ly	14.	09/03/1974	3,833,475	Reusser et al.			
ly	15.	11/19/1974	3,849,396	Birkenmeyer et al.			
ly	16.	12/10/1974	3,853,843	Morozwich			
ly	17.	03/11/1975	3,870,699	Bannister			
ly	18.	10/28/1975	3,915,954	Bannister			
ly	19.	06/21/1977	4,031,304	Bannister			
ly	20.	02/28/1978	Re 29,558	Bannister			
ly	21.	06/02/1981	4,271,266	Bergy et al			
ly	22.	07/14/1981	4,278,789	Birkenmeyer			
ly	23.	01/05/1982	4,309,533	Birkenmeyer			
ly	24.	01/12/1982	4,310,660	Birkenmeyer			
ly	25.	03/02/1982	4,317,903	Hofstetter			
ly	26.	05/10/1983	4,383,109	Argoudelis et al.			

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S. Peale

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8/25/05

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pa- 871722

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G	27.	02/07/1984	4,430,495	Patt et al.			
G	28.	08/07/1984	4,464,466	Argoudelis et al.			
G	29.	02/04/1986	4,568,741	Livingston			
G	30.	12/01/1987	4,710,565	Livingston et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
G	31. X	12/16/1999	WO 99/63937	WIPO			

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
G	32.	Alexander, J. et al. (1988). "(Acyloxy)alkyl Carbamates as Novel Bioreversible Prodrugs for Amines: Increased Permeation through Biological Membranes," <i>Journal of Medicinal Chemistry</i> 31(2):318-322.
G	33.	Alexander, J. et al. (1996). "Investigation of (Oxodioxolenyl)methyl Carbanates as Nonchiral Bioreversible Prodrug Moieties for Chiral Amines," <i>J. Med Chem.</i> 39(2):480-486.
G	34.	Baldwin, J. E. et al. (1990). "Stereospecific Synthesis of Dealanylalohopcin," <i>Tetrahedron</i> 46(13/14):4733-4748.
G	35.	Baldwin, J. E. et al. (1989). "Amino Acid Synthesis Using (L)-Pyroglutamic Acid As A Chiral Starting Material," <i>Tetrahedron</i> 45(23):7459-7468.
G	36.	Birkenmeyer, R. D. et al. (1984). "Synthesis and Antimicrobial Activity of Clindamycin Analogues: A Potent Antibacterial Agent," <i>Journal of Medicinal Chemistry</i> 27(2):216-223.
G	37.	Bousquet, Y. et al. (1997). "Preparation of Enantiopure 4-Oxygenated Pipeolic Acid Derivatives," <i>Tetrahedron</i> 53(46):15671-15680.
G	38.	Bundgaard, H. et al. (1980). "Prodrugs as Drug Delivery Systems IV: N-Mannich bases as Potential Novel Prodrugs for Amides, Ureide, Amines, and Other NH-Acidic Compounds," <i>Journal of Pharmaceutical Sciences</i> 69(1):44-46.
G	39.	Demange, L. et al. (1998). "Practical Synthesis of the Boc and Fmoc Protected 4-Fluoro and 4-Difluoroprolines from <i>Trans</i> -4-Hydroxyproline," <i>Tetrahedron Letters</i> 39:1169-1172.
G	40.	Del Valle, J. R. et al. (2003). "Asymmetric Hydrogenations for the Synthesis of Boc-Protected 4-Alkylprolinols and Prolines," <i>Journal of Organic Chemistry</i> 68(10):3923-3931.

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G. Peck

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		Applicant Jason G. LEWIS et al.	
		Filing Date February 11, 2004	Group Art Unit Not Yet Assigned
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41.	41.	Flaherty, P. et al. (1996). "Synthesis and Selective Monoamine Oxidase B-Inhibiting Properties of 1-Methyl-2,3,6-Tetrahydropyrid-4yl Carbamate Derivatives: Potential Prodrugs of (R)- and (S)-Nordeprenyl," <i>Journal of Medicinal Chemistry</i> 39(24):4756-4761.	
42.	42.	Goldstein, B. P. et al. (1995). "Antimicrobial Activity of MDL 63,246, a New Semisynthetic Glycopeptide Antibiotic," <i>Antimicrob. Agents & Chemother.</i> 39(7):1580-1588.	
43.	43.	Jensen, N.P. et al. (1980). "Use of Aceylacetone to Prepare A Prodrug of Cycloserine," <i>Journal of Medicinal Chemistry</i> 23(1):6-8.	
44.	44.	Magerlein, B. J. (1972). "Lincomycin. 14. An Improved Synthesis and Resolution of the Antimalarial Agent, 1'-Demethyl-4'-Depropyle-4'(R)-(S)-Pentyclindamycin Hydrochloride (U-24, 729A)," <i>Journal of Medicinal Chemistry</i> 15(12):1255-1259.	
45.	45.	Osuch, C. et al. (1956). "The Use of Organolithium Compounds to Effect the Alkylation of 2- and 4-Picoline," <i>Journal of American Chemical Society</i> 78:1723-1725.	
46.	46.	Sakamoto, F. et al. (1984). "Studies on Prodrugs. II. Preparation and Characterization of (5-Substituted 2-Oxo-1,3-Dioxolen-4-yl)methyl Esters of Ampicillin," <i>Chem, Pharm. Bull.</i> 36(6):2241-2448.	
47.	47.	Schroeder, W. et al. (1967). "Lincomycin. III The Structure and Stereochemistry of the Carbohydrate Moiety," <i>Journal of the American Chemical Society</i> 89(10):2448-2453.	
48.	48.	Shck, E. et al. (1976). "Improved Delivery through Biological Membranes. 2. Distribution, Excretion, and Metabolism of N-Methyl-1,6-dihydropyridine-2-Carbaldoxime Hydrochloride, A Pro-Drug of N-Methylpyridinium-2-Carbalkdoxime Chloride," <i>Journal of Medicinal Chemistry</i> 19(1):108-112.	
49.	49.	Shuman, R. T. et al. (1990). "An Improved Synthesis of Homoproline and Derivatives," <i>Journal of Organic Chemistry</i> 55:738-741.	
50.	50.	Weiss, W. J. et al. (1999). "In Vivo Activities of Peptidic Prodrugs of Novel Aminomethyl Tetrahydrofuranyl-1 β -Methylcarbapenems," <i>Antimicrobial Agents and Chemotherapy</i> 43(3):460-464.	
51.	51.	Yong, K. et al. (2001). "Studies on the Alkylation of 3-Methyl-3-buten-1-ol Dianion: An Efficient Synthesis of 3-Methylene-alkanols Including A San Jose Scale Sex Pheromone," <i>Journal of Organic Chemistry</i> 66(24):8248-8251.	
52.	52.	Zhang, R. et al. (1998). "Pseudo -A(1,3) Strain as a Key Conformational Control Element in the Design of Poly-L-Proline Type II Peptide Mimics," <i>J. Am. Chem. Soc.</i> 120(16):3894-3902.	
EXAMINER: <i>G. Pezelle</i>		DATE CONSIDERED: <i>2/25/05</i>	
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